

## Special Issue

# Remote Sensing for Mineral Exploration: Current Progress and Future Vision

### Message from the Guest Editors

Remote sensing technology can rapidly, accurately, and non-destructively obtain information regarding the mineralization of surface and underground mineral deposits, becoming an efficient and economical detection method in mineral exploration. It has been achieved in mineral exploration, covering the identification of lithology, alteration extraction, fine minerals, and prospective prediction. In particular, hyperspectral remote sensing technology has shown significant advantages in finely identifying rocks and minerals. With the application of advanced methods such as artificial intelligence and machine learning, the capabilities of remote sensing technology in mineral exploration have been significantly enhanced. This Special Issue will outline the latest advances and trends in remote sensing-based mineral exploration, and contribute to the sustainable development of the global mining industry. We welcome the submission of articles related to this topic, including research based on new advances in laboratory hyperspectral reflectance and research performed using recent and emerging technologies such as hyperspectral imaging and deep learning.

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### Guest Editors

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### Deadline for manuscript submissions

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## Remote Sensing

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### Message from the Editor-in-Chief

*Remote Sensing* is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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